

Work Order ID 129918

February-23-15 10:32:24 AM

129918

Page 1

Item ID: D3201-1 Accept ***N1900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Doubler
 Start Date: 2/23/15 Start Qty: 5.00 ***5*** Cust Item ID:
 Required Date: 2/23/15 Req'd Qty: 5.00 ***5*** Customer:
 Reference:

Approvals: Process Plan: ML5 Date: 15-02-25 Tooling: Date: Run Start ***NR1***
 QC: Date: SPC (Y/N): Date: Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3201	Rev B								
100	FLOW WATER JET	0.00							
100									
Waterjet	Memo	0.00							
FLOW CNC Waterjet	1-Cut as per Dwg D3201								
	Dwg Rev: <u>B</u>								
	Prog Rev: <u>B</u>								
	2-Deburr if necessary								
110	QC2- Inspect parts off machine FAI/FAIB	0.00							
110									
QC	Memo	0.00							
Quality Control									

⑥

DC 15/03/08

⑥

DC 15/03/08

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
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Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence
		☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge
		☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other

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February-23-15 10:32:24 AM

Item ID: D3201-1 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Doubler
 Start Date: 2/23/15 Start Qty: 5.00 *5* Cust Item ID:
 Required Date: 2/23/15 Req'd Qty: 5.00 *5* Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150	QC7-Inspect Chemical Conversion Coat	0.00							38 9-89
150						(6)			MAR 10 2015
QC	Memo	0.00							
Quality Control									
160	Identify as per dwg & Stock Location: <u>SI-027</u>	0.00							
160						(6)			MF 15-03-10
Packaging	Memo	0.00							
Packaging									
170	QC21- Final Inspection - Work Order Release	0.00							
170									MLJ 1503-11
QC	Memo	0.00							
Quality Control									

MS-3-10

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Picklist Print

February-23-15 10:32:23 AM

Page 1

Work Order ID: 129918

129918

Parent Item: D3201-1

D3201-1

Parent Item Name: Doubler

Start Date: 2/23/15

Required Date: 2/23/15

Start Qty: 5.00

Required Qty: 5.00

Comments: IPP Rev:A Removed from 9 Digit 06-01-25 JLM
IPP Rev:B Now on Waterjet 06-08-14 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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M2024T3S.040

Purchased

No

100

sf

116.6882

0.276

2

M2024T3S 040

**

02/15/03/08

2024-T3 .040 sheet

Location

Loc Qty

Loc Code

MAT022

116.6882

130497

116.6882

2.6

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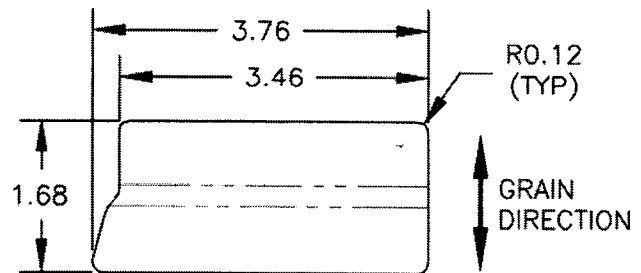
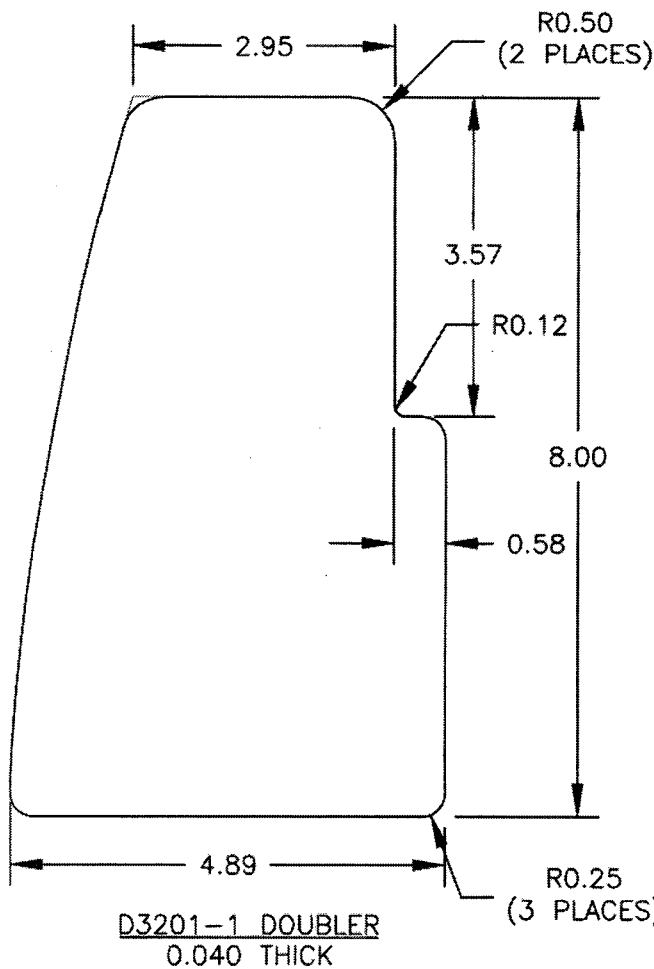
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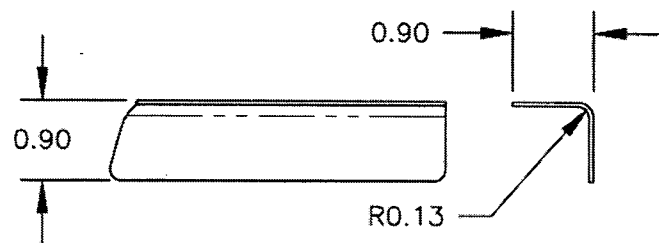


DESIGN	<i>[Signature]</i>	DRAWN BY	<i>CP</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED	<i>[Signature]</i>	APPROVED	<i>[Signature]</i>	DRAWING NO. D3201 REV. B SHEET 1 OF 1
DATE	03.11.03	TITLE	DOUBLER	SCALE 1:2
A	03.08.07	NEW ISSUE		
B	03.11.03	MODIFY D3201-1, ADD D3201-3/-4		

RELEASED
03.11.14 *[Signature]*



D3201-3/-4 ANGLE
(FLAT PATTERN)



D3201-3 ANGLE (SHOWN)
D3201-4 ANGLE (BEND OPPOSITE)
0.050 THICK

D3201-1/-3/-4 DOUBLER

- 1) MACHINE PARTS PER DWG FILE "D3201-B1.DWG"
- 2) MATERIAL: 2024-T3 ALUMINUM SHEET (QQ-A-250/4)
(REF. DART SPEC M2024T3S)
- 3) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED.
- 5) ALL DIMENSIONS ARE IN INCHES

129918 M.C.S.
15-02-25

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